

APR 12 2002

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Patent and Trademark Office: U.S. Department of Commerce

1724 #2
23.2PTO
Rev. 10/95U.S. Department of Commerce
Patent and Trademark Office

Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Liu
Group Art Unit	1724
Examiner Name	
Attorney Docket Number	4695-00008

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of pages in this Submission

6

ENCLOSURES (check all that apply)

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REMARKS:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual Name	Michael E. Taken (Reg. No. 28,120) ANDRUS, SCEALES, STARKE & SAWALL, LLP 100 East Wisconsin Avenue, Suite 1100, Milwaukee, WI 53202
Signature	<i>Michael E. Taken</i>
Date	4/9/02

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Typed or printed name	Jo Ann Kuczynski		
Signature	<i>Jo Ann Kuczynski</i>	Date	4-9-02



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of)

Z. GERALD LIU ET AL.)

Appln. No. 10/075,035)

Filed: February 12, 2002)

Examiner:)

Group Art Unit: 1724)

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COMBINATION)

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Jo Ann Kuczynski

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INFORMATION DISCLOSURE STATEMENT

Box No Fee
Commissioner for Patents
Washington, D.C. 20231

Sir:

Enclosed are copies of the references listed on the attached "Information Disclosure Statement By Applicant" PTO Form 1449.

Respectfully submitted,

ANDRUS, SCEALES, STARKE & SAWALL, LLP

Michael E. Taken

Michael E. Taken
Reg. No. 28,120

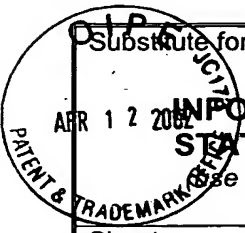
Andrus, Scales, Starke & Sawall, LLP
100 East Wisconsin Avenue
Milwaukee, WI 53202
(414) 271-7590
Attorney Docket No: 4695-00009

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PTO/SB/08B (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(See as many sheets as necessary)

Complete if Known

Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald Li
Group Art Unit	1724
Examiner Name	
Attorney Docket number	4695-00009

Sheet 1 of 8

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE
	RE33,118	11/1989	Scheitlin et al.			
	D342,990	1/1994	Jaroszcyk			
	1,893,372	1/1933	Krzanowsky			
	1,924,472	8/1933	Thomson			
	2,410,371	10/1946	Vokes			
	2,553,054	5/1951	Lincoln et al.			
	3,025,964	3/1962	Summers et al.			
	3,441,381	4/1969	Keith et al.			
	3,692,184	9/1972	Miller, Jr., et al.			
	3,708,957	1/1973	Labadie			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	563768	1/1943	Great Britain				
	88/03431	5/1988	WIPO				
	2-53442	2/1999	Japan			Abstract	
	2-79024	3/1990	Japan			Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to client.

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Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerald Lib
Group Art Unit 1724
Examiner Name
Attorney Docket number 4695-00099

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 8

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,799,354	3/1974	Buckman et al.			
	3,844,749	10/1974	Carter, Sr.			
	4,017,347	4/1977	Cleveland			
	4,056,375	11/1977	Ringel et al.			
	4,130,487	12/1978	Hunter et al.			
	4,157,902	6/1979	Tokar			
	4,410,427	10/1983	Wydevan			
	4,419,108	12/1983	Frost et al.			
	4,430,223	2/1984	Miyakawa et al.			
	4,441,899	4/1984	Takagai et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	9-125931	5/1997	Japan			Abstract	
	2001-200715	7/2001	Japan			Abstract	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Application Number 10/075,035
Filing Date February 12, 2002
First Named Inventor Z. Gerald Liu
Group Art Unit 1724
Examiner Name
Attorney Docket number 4695-00089

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Sheet 3 of 8

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,455,823	6/1984	Bly et al.			
	4,498,989	1/1985	Miyakawa et al.			
	4,548,626	10/1985	Ackley et al.			
	4,589,983	5/1986	Wydevan			
	4,619,675	10/1986	Watanabe			
	4,542,286	3/1987	Kusuda et al.			
	4,652,286	3/1987	Kusuda et al.			
	4,878,929	11/1989	Tofslund et al.			
	4,902,487	1/1990	Cooper et al.			
	4,925,561	5/1990	Ishii et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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Attorney Docket number	4695-00009

APR 12 2002
 INFORMATION DISCLOSURE
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Sheet	4	of	8
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,960,449	10/1990	Yonushonis			
	5,008,086	4/1191	Merry			
	5,014,509	5/1991	Broering et al.			
	5,015,376	5/1991	Picek			
	5,030,263	7/1991	Kemp			
	5,035,236	7/1991	Kanegaonkar			
	5,052,178	10/1991	Clerc et al.			
	5,063,736	11/1991	Hough et al.			
	5,082,479	1/1992	Miller			
	5,106,397	4/1992	Jaroszczczyk et al.			

FOREIGN PATENT DOCUMENTS

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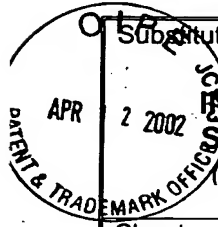
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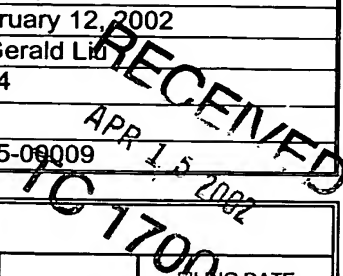
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Application Number	10/075,035
Filing Date	February 12, 2002
First Named Inventor	Z. Gerald L.
Group Art Unit	1724
Examiner Name	
Attorney Docket number	4695-09009

Sheet 5 of 8



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,137,696	8/1992	Hitachi et al.			
	5,174,895	12/1992	Drori			
	5,252,299	10/1993	Retallick			
	5,298,046	3/1994	Peisert			
	5,304,351	4/1994	Tanaka et al.			
	5,322,537	6/1994	Nakamura et al.			
	5,346,675	9/1994	Usui et al.			
	5,380,501	1/1995	Hitachi et al.			
	5,385,873	1/1995	MacNeill			
	5,468,384	11/1995	Garcera et al.			

FOREIGN PATENT DOCUMENTS

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Examiner Name	
Attorney Docket number	4695-00099

**INFORMATION DISCLOSURE
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Sheet 6 of 8

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,480,621	1/1996	Breuer et al.			
	5,546,069	8/1996	Holden et al.			
	5,549,722	8/1996	Zemaitis et al.			
	5,562,825	10/1996	Yamada et al.			
	5,632,792	5/1997	Haggard			
	5,772,883	6/1998	Rothman et al.			
	5,792,247	8/1998	Gillingham et al.			
	5,820,646	10/1998	Gillingham et al.			
	5,846,641	12/1998	Abeles et al.			
	5,863,311	1/1999	Nagai et al.			

FOREIGN PATENT DOCUMENTS

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						YES	NO

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7

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Application Number

10/075,035

Filing Date

February 12, 2002

First Named Inventor

Z. Gerald Liu

Group Art Unit

1724

Examiner Name

Attorney Docket number

4695-000091.5

U.S. PATENT DOCUMENTS

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	5,891,402	4/1999	Sassa et al.			
	5,902,364	5/1999	Tokar et al.			
	5,908,480	6/1999	Ban et al.			
	5,925,561	7/1999	Posselius, Jr., et al.			
	5,961,931	10/1999	Ban et al.			
	6,093,378	7/2000	Deeba et al.			
	6,238,561	5/2001	Liu et al.			
	6,245,301	6/2001	Stroom et al.			
	6,294,141	9/2001	Twigg et al.			
	2001/0027645	10/2001	Itoh et al.			

FOREIGN PATENT DOCUMENTS

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First Named Inventor Z. Gerald Liu

Group Art Unit 1724

Examiner Name

Attorney Docket number 4695-00009

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8

of

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U.S. PATENT DOCUMENTS

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	2001/0027646	10/2001	Itoh et al.			
	2001/0027647	10/2001	Itoh et al.			

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